

中国湖南杜鹃花科杜鹃花属一新种——天门山杜鹃

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Rhododendron tianmenshanense C. L. Peng & L. H. Yan,
a new species of Ericaceae from Hunan, China

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Abstract A new species of the Ericaceae, *Rhododendron tianmenshanense* C. L. Peng & L. H. Yan, which was found to grow in forest in Zhangjiajie City, Hunan Province, China, was described and illustrated. The new species is similar to *R. aganniphum* Blaf. f. & K. Ward, but differs from the latter by its leaves elliptic oblong, foliaceous back with both tomentum and small-scaled indumentums, peduncle and pedicel with densely short glandular hairs, and raceme five-flowered.

Key words *Rhododendron*, *Rhododendron tianmenshanense* C. L. Peng & L. H. Yan, Ericaceae, new species, Hunan, China.

摘要 报道了中国湖南天门山国家森林公园内发现的杜鹃花科Ericaceae杜鹃花属*Rhododendron*一新种——天门山杜鹃*R. tianmenshanense* C. L. Peng & L. H. Yan。该种与雪山杜鹃*R. aganniphum* Balf. f. & K. Ward近似,但以叶为长圆状椭圆形,叶背具两层毛被,上层为银白色短绒毛,下层为紧贴的鳞片状细毛,总花梗和花梗具密而短的腺毛,花常5朵组成总状花序而不同。该种隶属常绿杜鹃组大理杜鹃亚组sect. *Ponticum* subsect. *Talienisa*。

关键词 杜鹃花属; 天门山杜鹃; 杜鹃花科; 新种; 湖南; 中国

2006年春,作者在湖南省张家界市天门山国家森林公园植物考察中,在海拔约1400 m的常绿落叶阔叶林中采集到一物种。该物种为小乔木,林下更新良好,一株成年植株下可见数十株小苗。该种4月中下旬开花,花白色至淡红色,常5朵成总状花序生于枝顶。经研究,该种为杜鹃花属*Rhododendron* L.常绿杜鹃组大理杜鹃亚组sect. *Ponticum* G. Don subsect. *Talienisa* (Tagg) Sleumer一新种。

天门山杜鹃 新种 图1

Rhododendron tianmenshanense C. L. Peng & L. H. Yan, sp. nov. Fig. 1
(subgen. *Hymenanthus* (Bl.) K. Koch sect. *Ponticum* G. Don subsect. *Talienisa* (Tagg)

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Sleumer)

Species proxima *R. agannipho* Balf. f. & K. Ward, sed foliis oblongo-ellipticis, subtus venutinis et lepidotis, inflorescentiis racemosis paucifloris, saepe 5-floris, pedicillis glanduloso-pubescentibus differt.

Frutex vel arbuscula, sempervirens, 2–4 m alta; ramuli hornotini flavo-brunnei, glabrescentes, annotini 5 mm diam. Folia coriacea, persistentia, oblongo- elliptica, 4.8–6.2 cm longa, 1.8–2.5 cm lata, apice abrupte acuta, basi late cuneata, margine integra, recurvata, supra atroviridia, subtus argenteo-venutina et adpresse lepidota, margine paulo revolute, costa media supra impressa, subtus elevata, nervis lateralibus utrinsecus 21–25 supra leviter depressis subtus obscuris; petioli 1.0–1.5 cm longi. Inflorescentia breviter racemosa, terminalis, saepe 5-flora; pedunculus 2.0–3.0 mm longus, dense breviter flavo-glanduloso-pubescentis; pedicelli 1.2–1.8 cm longi, dense breviter flavo-glanduloso-pubescentes; calyx cyathiformis, circ. 2 mm longus, 5-lobatus, lobis ovatis, glanduloso-pubescentibus; corolla infundibuliformi-campanulata, 2.8–3.2 cm longa, alba vel rubella, intus purpureo-rubro-maculata in parte superiore et basi puberula, 5-lobata, lobis subrotundatis 1.2–3.0 cm longis et 1.5–1.7 cm latis apice emarginatis; stamina 10, inaequalia, 1.0–2.1 cm longa, filamentis albis ad basin

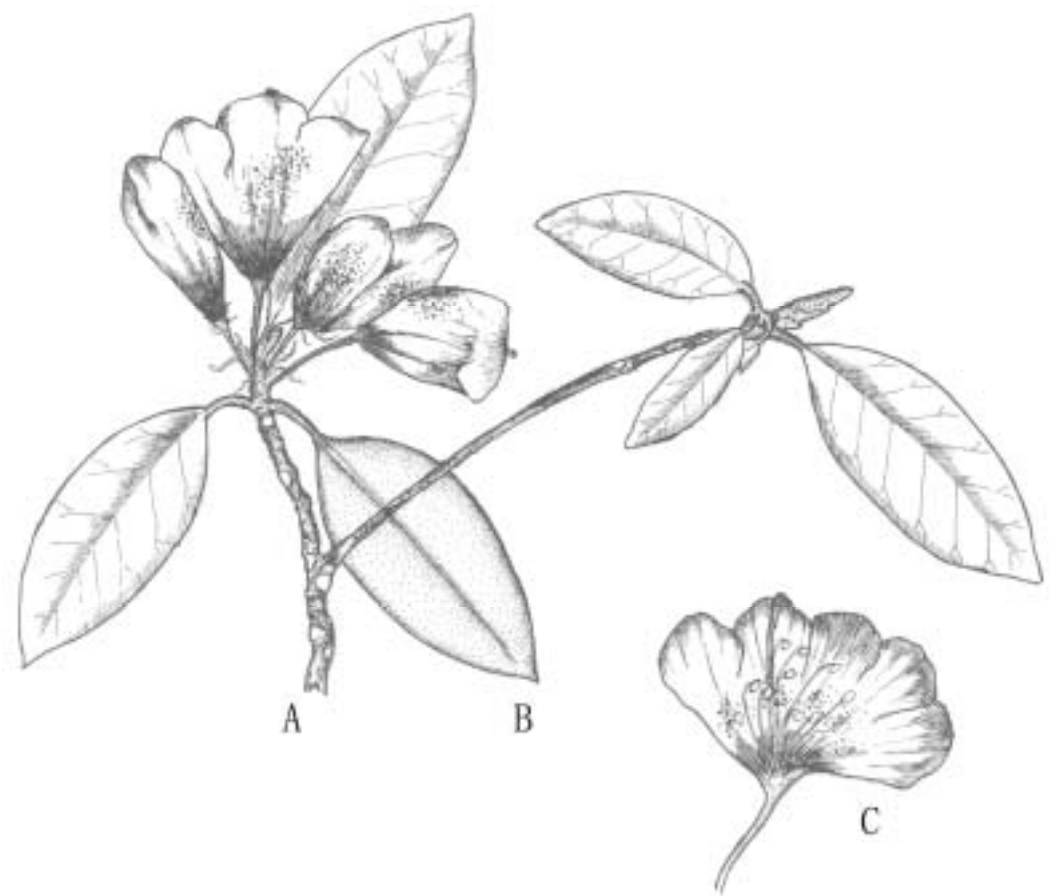


图1 天门山杜鹃 A, 花枝; B, 叶下毛被; C, 花冠。(黄文韬根据彭春良和黄宏全20060008号标本绘)
Fig. 1. *Rhododendron tianmenshanense* C. L. Peng & L. H. Yan. A, flowering branch; B, indumentums under leaves; C, corolla. Drawn by W. T. Huang from C. L. Peng & H. Q. Huang 20060008, HFBG.

albo-puberulis, antheris anguste ellipticis circ. 1.5 mm longis fulvis; pistillum corollae subaequilongum, ovario ovoideo-conico 3–4 mm longo dense glanduloso-puberulo, stylo 2.6 cm longo glabro haud exserto, stigmati capitato. Capsula oblongo-cylindrica, circ. 2 cm longa et 5 mm diam., ovoideus Fl. Apr. –Mai. Fr. Aug.–Sept.

China. Hunan (湖南): Zhangjiajie (张家界), Tianmen Shan (天门山), alt. 1400 m, in forest, 2006-04-25, C. L. Peng & H. Q. Huang (彭春良, 黄宏全) 20060008 (holotype, HFBG (湖南省森林植物园标本室)).

常绿灌木至小乔木, 高2–4 m; 当年生小枝黄褐色, 无毛, 小枝直径5 mm。叶革质, 长圆状椭圆形, 长4.8–6.2 cm, 宽1.8–2.5 cm, 先端急尖, 基部宽楔形, 边缘全缘, 反卷, 上面暗绿色, 无毛, 微有皱纹, 下面具毛被2层, 上层薄海绵状, 银白色, 下层紧贴叶片, 中脉在上面凹入, 在下面突起, 侧脉9–11对, 在上面凹入, 在下面隐藏在毛被内; 叶柄长1.5 cm, 无毛。顶生短总状花序, 花常5朵, 花序总梗长2–3 mm, 密被黄色短腺毛, 花梗长1.2–1.8 cm, 密被黄色短腺毛; 花萼小, 杯状, 长约2 mm, 5裂, 裂片卵形, 被腺毛; 花冠漏斗状钟形, 长2.8–3.2 cm, 白色或淡红色, 内部上方具紫红色斑点, 内面基部具微毛, 裂片5, 近圆形, 长1.2–3.0 cm, 宽1.5–1.7 cm, 顶端微缺; 雄蕊10枚, 不等长, 长1.0–2.1 cm, 花丝白色, 基部被白色微柔毛, 花药狭椭圆形, 黄褐色, 长约1.5 mm; 雌蕊与花冠近等长, 子房卵球状, 圆锥形, 长3–4 mm, 密被短腺毛, 花柱长2.6 cm, 无毛, 不伸出花冠, 柱头头状, 膨大, 黄绿色。蒴果圆柱状, 长约2 cm, 直径约5 mm。花期4–5月, 果期8–9月。

本种与雪山杜鹃 *R. aganniphum* Balf. f. & K. Ward 近似, 不同之处是本种叶长圆状椭圆形, 下面有银白色短绒毛被层及紧贴的鳞片状细毛, 总状花序具少数花, 常5朵, 花梗具腺毛, 而相区别。

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